

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Art Unit : To Be Assigned  
Examiner: To Be Assigned

In re PATENT APPLICATION of

Applicants :	Shin ISHIBASHI et al.	)	<b>Information Disclosure Statement</b>
		)	
Appln. No.:	To Be Assigned	)	
		)	
Filed :	January 29, 2004	)	
	Continuation of 09/571,334	)	
For :	FIBER OPTIC MODULE	)	
Atty. Dkt. :	31238-200393	)	_____ January 29, 2004
		)	
Customer Number:	26694	)	

Mail Stop Reissue  
Commissioner for Patents  
PO Box 1450  
Arlington, Va 22313-1450

Sir:

This is an Information Disclosure Statement submitted under 37 C.F.R. § 1.97-1.98.

A Form PTO 1449 listing 65 references is attached.

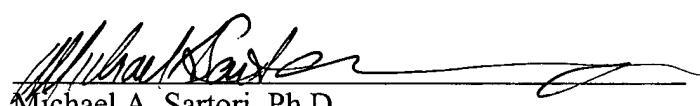
The present application is a continuation of application number 09/571,334 filed May 15, 2000, which is a continuation of application number 09/087,857, filed June 1, 1998 for reissue of Patent 5,596,663 (which issued on January 21, 1997 on application number 08/372,078 filed January 12, 1995). All of the references listed on the concurrently submitted Form PTO 1449 were cited in the prosecution of the aforementioned patent applications. The Examiner is requested to consult these files for copies of the references in accordance with C.F.R. § 1.98(d).

Grouped below are references and the applications in which the references were submitted. Reference codes correspond to those on concurrently filed Form PTO 1449.

- 1) 08/372,078, filed January 12, 1995 (U.S. 5,596,663): References AA-AH and AM-AP listed on the Form PTO 1449 submitted May 15, 2000 in application no 09/971,334.
- 2) 09/871,334, filed May 15, 2000:
  - a. References AI-AL listed on the Form PTO 1449 submitted May 15, 2000.
  - b. References BA-BG listed on Form PTO 1449 submitted August 13, 2001 (Second IDS).
  - c. References CA-CD listed on Form PTO 1449 submitted August 22, 2001 (Supplemental to Second IDS).
  - d. References DA-DN listed on Form PTO 1449 submitted September 13, 2002 (Third IDS).
  - e. References EA-EL listed on Form PTO 1449 submitted December 17, 2002 (Fourth IDS).
  - f. References FA-FD listed on Form PTO 1449 submitted December 17, 2002 (Supplemental to Third IDS).
  - g. Reference GA listed on Form PTO 1449 submitted January 10, 2003 (Supplemental to Fourth IDS).
  - h. References HA-HF listed on Form PTO 1449 submitted May 1, 2003 (Fifth IDS).
  - i. References IA-IC listed on Form PTO 1449 submitted June 9, 3003 (Sixth IDS).
  - j. References JA-JB listed on Form PTO 1449 submitted October 6, 2003 (Seventh IDS).
  - k. References KA-KC listed on Form PTO 1449 submitted December 29, 2003 (Eighth IDS).

Since all requirements of 37 C.F.R. § 1.97-1.98, together with all Official guidelines pertaining to Information Disclosure Statements have now been complied with, it is respectfully requested that the Examiner consider the references and make them of record.

Respectfully submitted,



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517302

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PTO/SB/08A (08-00)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	To Be Assigned
		Filing Date	January 29, 2004
		First Named Inventor	Shin ISHIBASHI
		Group Art Unit	To Be Assigned
		Examiner Name	To Be Assigned
Sheet	1	of	11
		Attorney Docket Number	31328-200393

## **U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA	4,129,349		von ROESGEN	12/78	
	AB	4,149,072		SMITH et al.	4/79	
	AC	4,291,943		BINEK et al.	9/81	
	AD	4,595,839		BRAUN et al.	6/86	
	AE	5,111,363		YAGI et al.	5/92	
	AF	5,202,943		CARDEN et al.	4/93	
	AG	5,295,214		CARD et al.	3/94	
	AH	5,416,871		TAKAHASHI et al.	5/95	
	AI	5,717,533		POPLAWSKI et al.	2/98	
	AJ	5,734,558		POPLAWSKI et al.	3/98	
	AK	5,864,468		POPLAWSKI et al.	1/99	
	AL	5,879,713		POPLAWSKI et al.	3/99	

## **FOREIGN PATENT DOCUMENTS**

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AM	EPO	437161			7/91		
	AN	EPO	624962			11/94		
	AO	UK	2087681			5/82		
	AP	JP	3-218134			9/91		

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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		Number	Kind Code <sup>2</sup> (if known)			
BA		5,228,188		HOWE	05/12/92	
BB		5,113,317		BADIHI et al.	07/20/93	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
BC	DE	84 22 793				12/06/84		
BD	DE	43 33 387				03/31/94		
BE	DE	36 40 099				06/01/88		
BF	EP	630 174				12/21/94		
BG	DE	39 27 752				1991		

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Sheet

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	CA	5,497,289		SUGISHIMA et al.	03/05/96
	CB	4,836,107		LANG et al.	06/06/89
	CC	5,057,025		KLATT et al.	10/15/91

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		
	CD	DE	84 22793.091			

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Sheet	4	of	11	Attorney Docket Number
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	DA	DE	4303780C1				
	DB	DE	4013630A1				
	DC	DE	3701788A1				
	DD	WO	95/20845				
	DE	GB	2253317A				
	DF	GB	2194700A				
	DG	DE	3735038A1				
	DH	DE	3743483A1				
	DI	DE	4209253C1				
	DJ	JP	3-116669				
	DK	JP	4-116372				

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
	DL	German Office Action citing publications DA-DG and translation dated August 7, 1996	
	DM	German Opposition Statement citing publications DH-DJ and translation dated July 10, 2002	
	DN	Japan Office Action citing pubs DK-DL and AP (see p.1)	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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		Number	Kind Code <sup>2</sup> (if known)			
EA	5,005,939			Arvanitakis et al.	04-19-1991	
EB	5,475,518			Karaki	12-12-1995	
EC	5,109,454			Okuno et al.	4-28-1992	
ED	5,479,288			Ishizuka et al.	12-26-1995	

### FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
EE	JP	4-42756				04-10-1992		Yes
EF	JP	5-52802				07-13-1993		Yes
EG	JP	3-157606				07-05-1991		Abs.

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
EH		Japan Office Action citing JP-A-3-218134 and JP-A-5-215943 of record, and translation, dated October 29, 2002.	Yes
EI		Japan Office Action citing JP-A-3-218134 of record and documents AA and AE, and translation, dated October 29, 2002.	Yes
EJ		Japan Office Action citing JP-A-3-218134 and JP-A-5-215943 of record, and translation, dated October 29, 2002.	Yes
EK		Japan Office Action citing JP-A-3-218134 of record and Japanese patent document corresponding to document EB, and translation, dated November 5, 2002.	Yes
EL		Japan Office Action citing JP-A-5-215943 of record, Japanese patent documents corresponding to documents EC and ED, and documents EF and EG, and translation, dated November 19, 2002.	Yes

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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	To Be Assigned
Sheet	5	of	11	Filing Date	January 29, 2004
				First Named Inventor	Shin ISHIBASHI
				Group Art Unit	To Be Assigned
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		T <sup>2</sup>				
EH	EH	Japan Office Action citing JP-A-3-218134 of record and JP-A-5-215943 (equivalent to U.S. Patent 5,202,943, of record), and translation, dated October 29, 2002.				Yes
EI	EI	Japan Office Action citing JP-A-3-218134 of record and documents AA and AE, and translation, dated October 29, 2002.				Yes
EJ	EJ	Japan Office Action citing JP-A-3-218134 and JP-A-5-215943 of record, and translation, dated October 29, 2002.				Yes
EK	EK	Japan Office Action citing JP-A-3-218134 of record and Japanese patent document corresponding to document EB, and translation, dated November 5, 2002.				Yes
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Approved for use through 10/31/2002. GPO 500-1000

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	To Be Assigned
		Filing Date	January 29, 2004
		First Named Inventor	Shin ISHIBASHI
		Group Art Unit	To Be Assigned
		Examiner Name	To Be Assigned
Sheet	8	of	11
		Attorney Docket Number	
		31238-200393	

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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		Group Art Unit	To Be Assigned
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		Attorney Docket Number	31238-200393
Sheet	9	of	11

#### **OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

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Sheet	10	of	11
		Attorney Docket Number	31238-200393

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 11 of 11

### Complete if Known

Application Number	To Be Assigned
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First Named Inventor	Shin ISHIBASHI
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	31238-200393

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
KA		5,019,769		Levinson	05-28-1991	

### FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

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	KB	AMP, "Optimate Transceivers Application Note," Publication #4661-8, Oct. 1989.	
	KC	N. Yoshizawa et al., "1.25 Gb/s Transceiver with SC Duplex Optical Receptacle," Spring Conference in 1993 of The Institute of Electronics, Information and Communication Engineers, page 4-146, 1993 (and translation).	✓

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